Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-5 (Cancelled).

26-45 (Cancelled).

46. (New) An organic solvent soluble copolymer made of units of vinyl monomers, said soluble copolymer having the formula:

$$[(Ax)\ (By)]_n$$

wherein:

A is a vinyl monomer comprising single unsaturation;

B is a vinyl monomer comprising multiple unsaturations of which only one unsaturated site has taken part in polymerization; and

x, y and n are each an integer having a value greater than 0.

47. (New) The organic solvent soluble copolymer of claim 46, wherein the vinyl monomer comprising single unsaturation is selected from the group consisting of butyl acrylate, ethyl acrylate, methyl methacrylate, acrylonitrile, vinyl acetate, glycidyl methacrylate, 2-hydroxyethyl methacrylate, 2-hydroxypropyl methacrylate, 2- amino ethyl acrylate hydrochloride, cetyl acrylate, cetyl methacrylate, phenyl methacrylate, acrylamide, N-isopropyl acrylamide, N-t-butyl acrylamide and styrene.

48. (New) The organic solvent soluble copolymer of claim 46, wherein the vinyl monomer comprising multiple unsaturation is selected from the group consisting of ethylene glycol dimethacrylate, trimethylolprane trimethacrylate, pentaerythritol trimethacrylate, pentaerythritol tetramethacrylate, bisphenol A dimethacrylate, glycerol dimethacrylate, glycerol diacrylate, vinyl acrylate, vinyl methcarylate and an aromatic divinyl compound, and wherein only one vinyl unsaturation site has participated in polymerization.

49. (New) The organic solvent soluble copolymer of claim 46, wherein the monomer with multiple unsaturations is contained in an amount of from 0.01 to 99.9%.

50. (New) A process for preparing the organic solvent soluble copolymers of claim 46, which comprises the steps of:

a) including a multivinyl group containing monomer in a cavity of cyclodextrin or a cyclodextrin compound, to form an inclusion complex,

b) mixing the inclusion complex along with the monovinyl monomer, solvent and free radical initiator.

c) polymerizing the mixture of step b) by free radical solution polymerization, and

d) precipitating the polymer in water and removing cyclodextrin to yield a polymer comprising pendant unreacted vinyl unsaturations and isolating the same.

51. (New) The process as claimed in claim 50, wherein the solvent for polymerization is selected from the group consisting of polar aprotic solvents N, N dimethyl formamide, chloroform and tetrahydrofuran.

52. (New) The process as claimed in claim 50, wherein the free radical initiator is selected from the group consisting of azo initiators and peroxides.

53. (New) The process as claimed in claim 50, wherein the free radical initiator is a photosensitive initiator selected from the group consisting of cumene hydroperoxide, benzoin ethyl ether, 2, 2-dimethoxy-2-phenyl acetophenone, 1- hydroxy cyclohexyl-1-phenyl ketone (Irgacure-184), bis (2,4,6-trimethyl benzoyl) phenyl phosphine (Irgacure-819).